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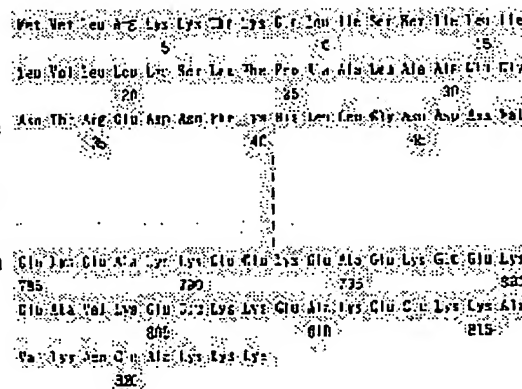
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(54) HEAT-RESISTANT ALKALI CELLULASE GENE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain the subject new heat-resistant enzyme gene producible a heat-resistant alkali cellulase capable of mixing with a detergent for clothing, etc., in a large amount, comprising a heat-resistant alkali cellulase gene encoding a specific amino acid sequence.

SOLUTION: This new heat-resistant alkali cellulase gene encodes an amino acid sequence of the formula or an amino acid sequence wherein one or several amino acids are deleted, substituted or added and is useful for a heat-resistant alkali cellulase capable of formulating with a detergent for clothing, etc., in a large amount. The gene is obtained by separating a genome DNA from *Bacillus* sp.KSM-S237 strain by a normal method, performing a genome PCR by using a partially base sequence of a cellulase gene and cloning.



LEGAL STATUS

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